

FIG. 1

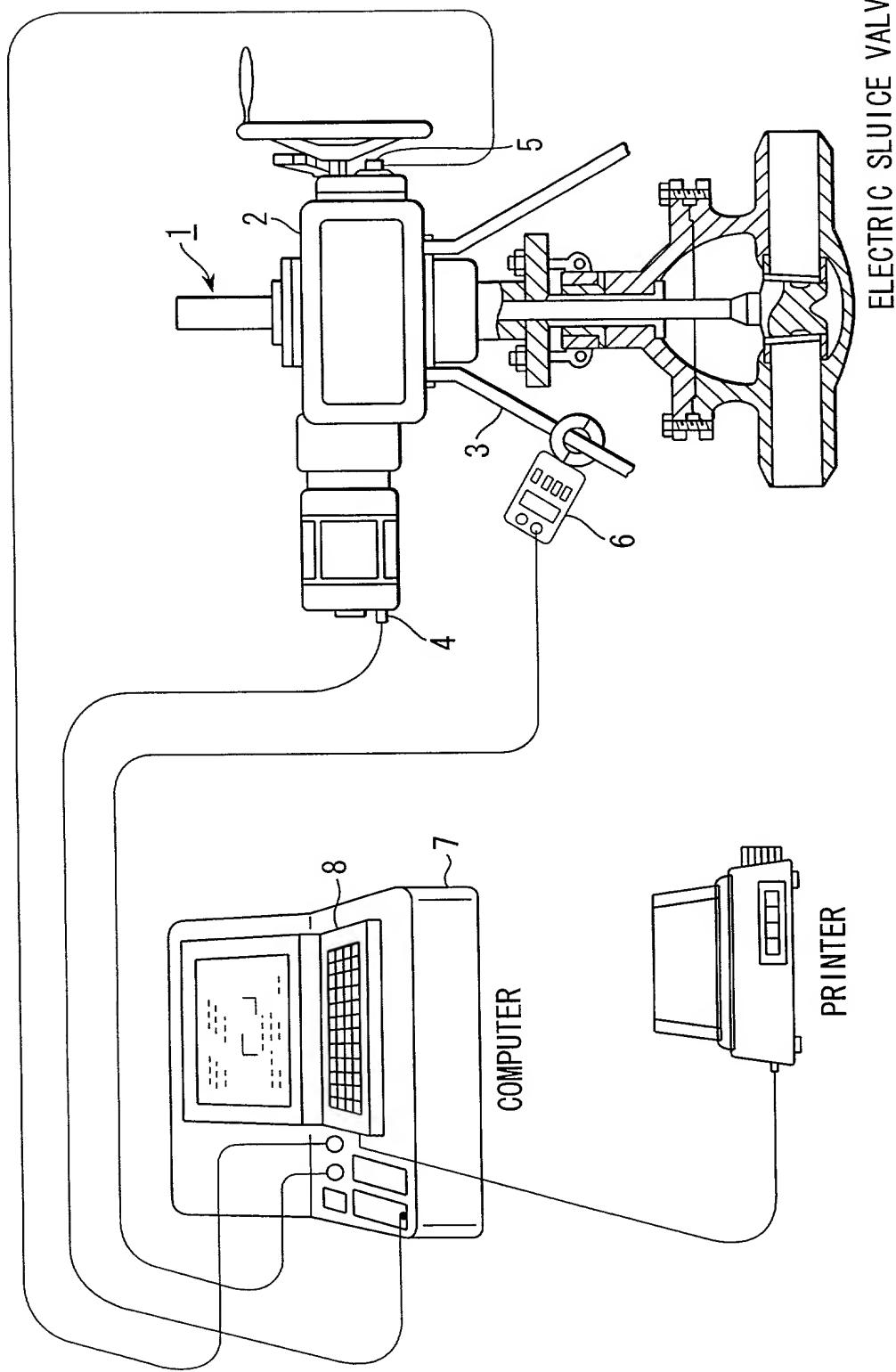


FIG. 2

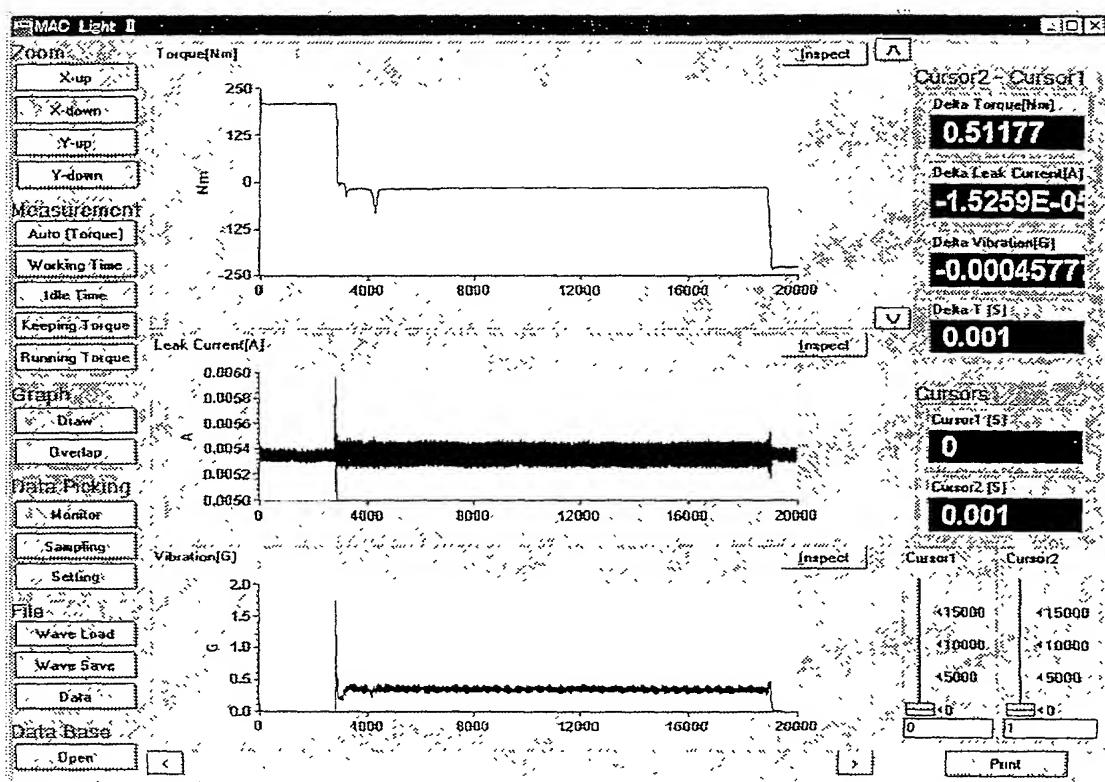


FIG. 3

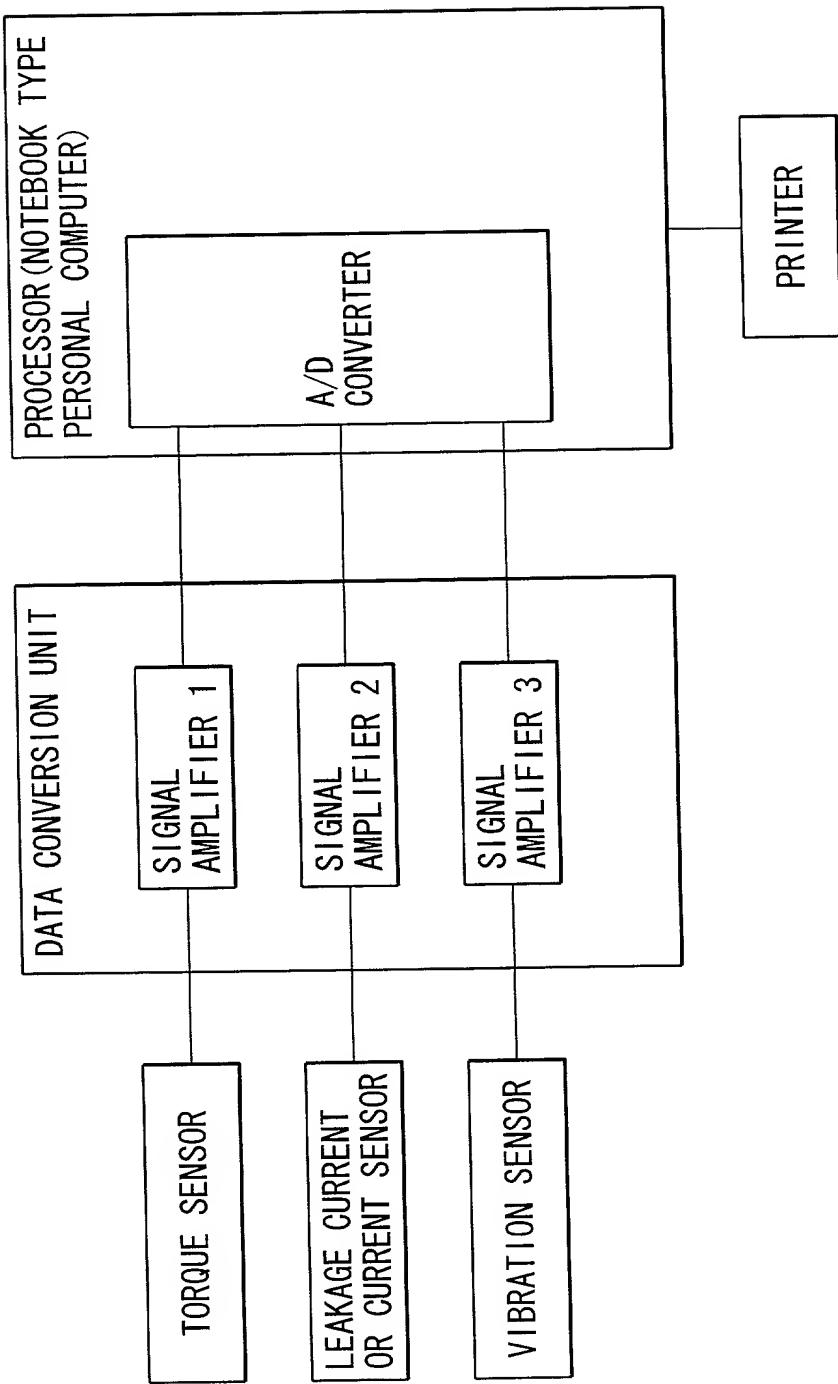


FIG. 4

EXAMPLES OF DIAGNOSTIC RESULT

DIAGNOSTIC ITEM		JUDGMENT	
		OPENING	CLOSING
MOTOR TORQUE	SEAT TORQUE	APPROVED	APPROVED
MOTOR LOAD, OPERATION		APPROVED	APPROVED
OPERATION TORQUE	OPERATION TORQUE	APPROVED	APPROVED
	EXCESSIVE OPERATION TORQUE	APPROVED	APPROVED
OPERATION TORQUE, OPERATION THRUST		APPROVED	APPROVED
OPERATION THRUST	OPERATION THRUST	APPROVED	APPROVED
	EXCESSIVE OPERATION THRUST	APPROVED	APPROVED
CHANGE OF TRANSMISSION SYSTEM WITH TIME		APPROVED	
WEAR CONDITION OF STEM AND STEM NUT		APPROVED	
WEAR AMOUNTS OF STEM AND STEM NUT AND LOOSENING OF LOCKING NUT		REJECTED	
REVERSING CONTROLLER DELAY TIME		APPROVED	REJECTED
OPENING/CLOSING TIME		APPROVED	APPROVED
MOTOR BRAKE		APPROVED	APPROVED
VALVE STROKE		APPROVED	APPROVED
LIMIT SWITCH OPERATION POINT		APPROVED	APPROVED
A ROTOR SWITCH OPERATION POINT		APPROVED	
B ROTOR SWITCH OPERATION POINT		APPROVED	
TORQUE SWITCH OPERATION POINT		APPROVED	APPROVED
TORQUE BYPASS SWITCH OPERATION POINT		APPROVED	APPROVED
TORQUE SET SCALE		APPROVED	APPROVED
TORQUE SEAT CURRENT		APPROVED	APPROVED
SET TORQUE		REJECTED	APPROVED
TORQUE DROP AFTER TORQUE SEAT		APPROVED	APPROVED
VALVE ELEMENT EXTRACTION TORQUE		APPROVED	-
VALVE ELEMENT EXTRACTION THRUST		APPROVED	-
ABNORMAL VIBRATION		APPROVED	APPROVED

FIG. 5

GRAPH OF CLOSING SIDE RUNNING TORQUE SHIFT

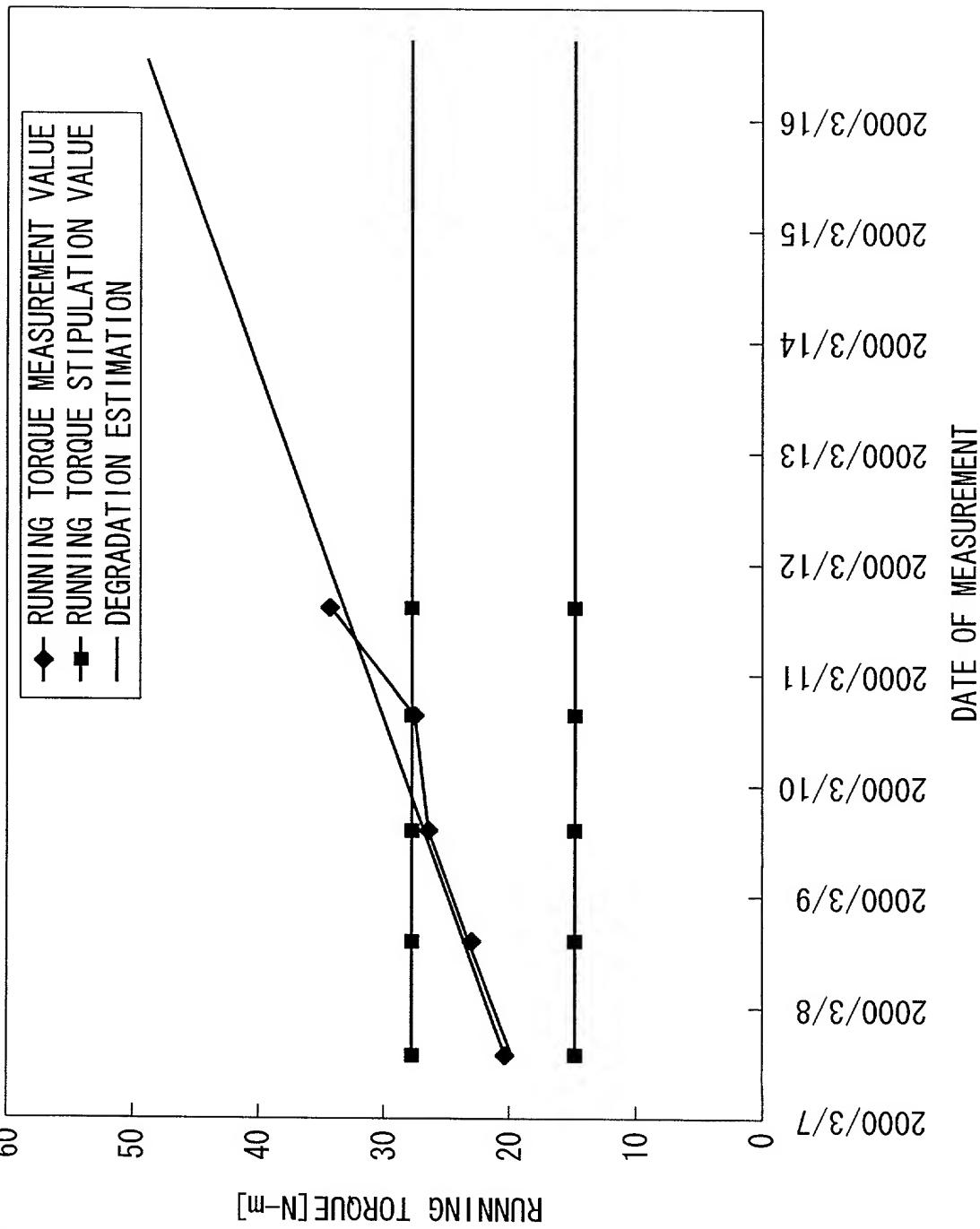


FIG. 6

